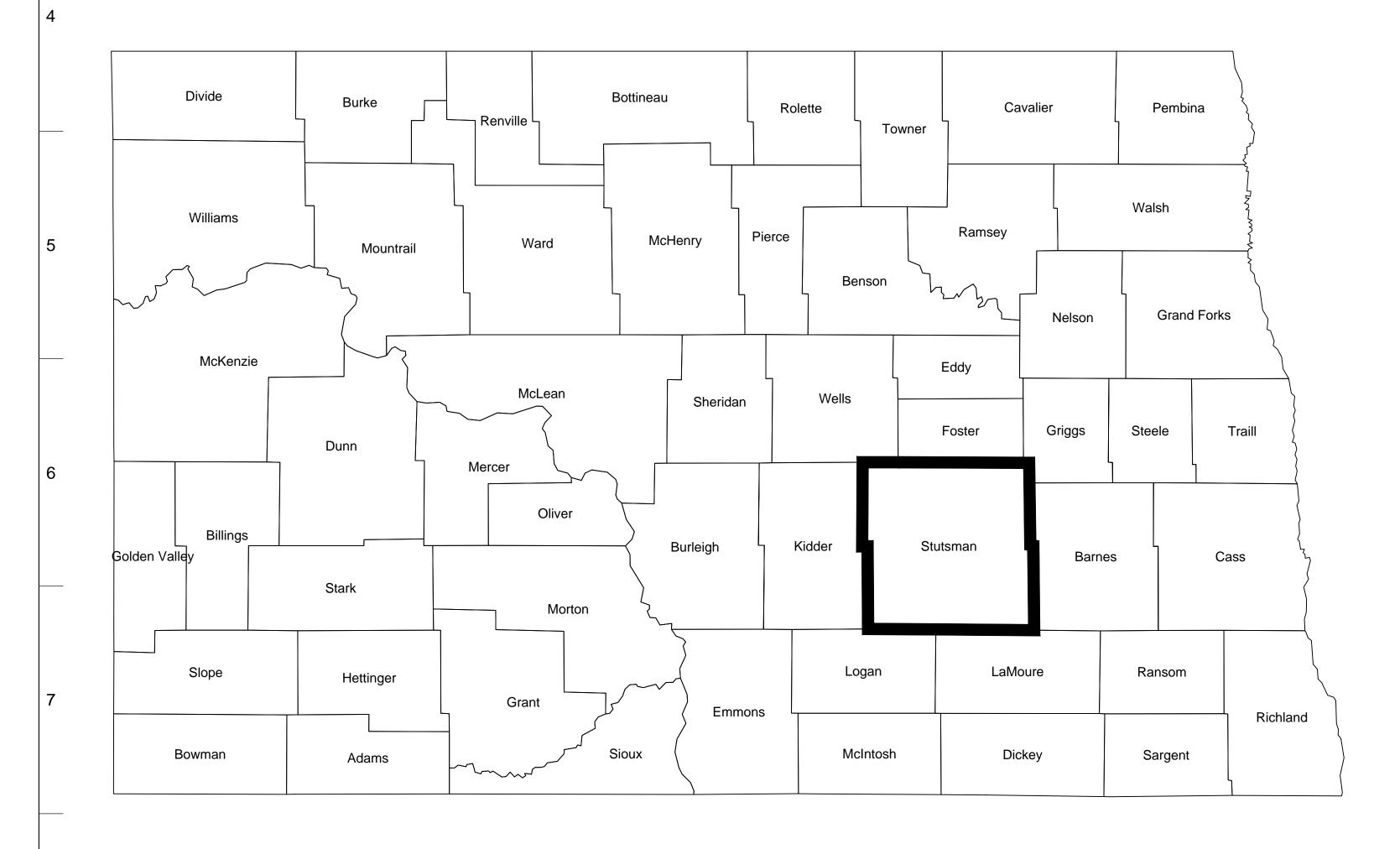
Electrical Construction Plans for

Underground Collection System for

Courtenay Wind Farm

Stutsman County, North Dakota



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Drawing/Spec/Report Number	Rev	Drawing Index	Issued Date
NH-271536-1	2	Overall Levent	01/06/2017
NH-271536-2	3	Overall Layout One Line Discrem Feeders 1.4	01/06/2017
NH-271536-3	1 1	One Line Diagram - Feeders 1-4	12/05/2016
NH-271536-4	1	One Line Diagram - Feeders 5-8	12/05/2016
NH-271536-5	3	Fiber Optic One Line Diagram - Fibers 1-4	12/05/2016
NH-271536-6	3	Fiber Optic One Line Diagram - Fibers 5-8	12/05/2016
NH-271536-7	4	WTG Grounding Plan	12/05/2016
NH-271536-8	5	WTG Conduit Plan	12/05/2016
NH-271536-9	2	Cable Installation Details	12/05/2016
NH-271536-10	3	Cable & Equipment Installation Details	01/06/2017
NH-271536-11	3	Cable & Equipment Installation Details	12/05/2016
NH-271536-12	3	Cable & Equipment Installation Details	12/05/2016
NH-271536-13	2	Cable & Equipment Installation Details	12/05/2016
NH-271536-14	2	Cable & Equipment Installation Details	12/05/2016
NH-271536-15		Drawing Number Not Used	
NH-271536-16		Drawing Number Not Used	
NH-271536-17	2	Feeder Routing Diagram Section 34, T144N, R63W	12/05/2016
NH-271536-18	2	Feeder Routing Diagram Section 35, T144N, R63W	12/05/2016
NH-271536-19	3	Feeder Routing Diagram Section 02, T143N, R63W	12/05/2016
NH-271536-20	3	Feeder Routing Diagram Section 01, T143N, R63W	12/05/2016
NH-271536-21	2	Feeder Routing Diagram Section 01, T143N, R63W	12/05/2016
NH-271536-22	2	Feeder Routing Diagram Section 10, T143N, R63W	12/05/2016
NH-271536-23	3	Feeder Routing Diagram Section 10, T143N, R63W	12/05/2016
NH-271536-24	2	Feeder Routing Diagram Section 11, T143N, R63W Feeder Routing Diagram Section 12, T143N, R63W	12/05/2016
NH-271536-24 NH-271536-25	3		12/05/2016
NH-271536-25 NH-271536-26	3	Feeder Routing Diagram Section 15, T143N, R63W	12/05/2016
		Feeder Routing Diagram Section 14, T143N, R63W	
NH-271536-27	2	Feeder Routing Diagram Section 13, T143N, R63W	12/05/2016
NH-271536-28	2	Feeder Routing Diagram Section 18, T143N, R62W	12/05/2016
NH-271536-29	3	Feeder Routing Diagram Section 17, T143N, R62W	01/06/2017
NH-271536-30	2	Feeder Routing Diagram Section 22, T143N, R63W	12/05/2016
NH-271536-31	2	Feeder Routing Diagram Section 23, T143N, R63W	12/05/2016
NH-271536-32	2	Feeder Routing Diagram Section 24, T143N, R63W	12/05/2016
NH-271536-33	3	Feeder Routing Diagram Section 19, T143N, R62W	12/05/2016
NH-271536-34	3	Feeder Routing Diagram Section 20, T143N, R62W	12/05/2016
NH-271536-35	2	Feeder Routing Diagram Section 26, T143N, R63W	12/05/2016
NH-271536-36	3	Feeder Routing Diagram Section 25, T143N, R63W	12/05/2016
NH-271536-37	3	Feeder Routing Diagram Section 30, T143N, R62W	12/05/2016
NH-271536-38	4	Feeder Routing Diagram Section 29, T143N, R62W	01/06/2017
NH-271536-39	2	Feeder Routing Diagram Section 28, T143N, R62W	12/05/2016
NH-271536-40	3	Feeder Routing Diagram Section 36, T143N, R63W	12/05/2016
NH-271536-41	3	Feeder Routing Diagram Section 32, T143N, R62W	12/05/2016
NH-271536-42	2	Feeder Routing Diagram Section 33, T143N, R62W	12/05/2016
NH-271536-43	2	Feeder Routing Diagram Section 95, T1191, R62W	12/05/2016
NH-271536-44	3	Feeder Routing Diagram Section 05, T142N, R62W	12/05/2016
NH-271536-45	2	Feeder Routing Diagram Section 03, T142N, R62W Feeder Routing Diagram Section 04, T142N, R62W	12/05/2016
NH-271536-46	2	Feeder Routing Diagram Section 04, T142N, R62W Feeder Routing Diagram Section 07, T142N, R62W	12/05/2016
NH-271536-47	2	Feeder Routing Diagram Section 07, T142N, R62W Feeder Routing Diagram Section 08, T142N, R62W	12/05/2016
NΠ-2/1330-4/	L	recuci Kouting Diagram Section 08, 1142N, K02W	12/03/2010
CWF-COL-SHP	1	LIC Collection Douts Chang File	12/05/2016
	0	UG Collection Route Shape File Underground Collection Specification	1/22/2016
CWF-COL-SPC	0	Underground Collection Specification	1/22/2016
CITE COL 3 CTC	~	107 C 11 4 2 5	4 10 0 10 0 0 0
CWF-COL-MVC	0	MV Cable Ampacity Report	1/22/2016
CWF-COL-SHC	0	Short Circuit Report	1/22/2016
CWF-COL-PLS	0	Power Loss Report	1/22/2016
CWF-COL-TGG	1	WTG Ground Grid Report	10/01/2015
CWF-COL-IEG	0	IEEE Effectively Grounded Report	1/22/2016
CWF-COL-INS	0	Insulation Coordination Report	1/22/2016
CWF-COL-IVR	0	Concentric Shield Wire Induced Voltage Report	1/22/2016
CWF-COL-RPF	0	Reactive Power Flow Report	1/29/2016
CWF-COL-HAR	0	Harmonic Report	1/22/2016
141. 4	0	Transient Overvoltage Report	1/22/2016
CWF-COL-TOV	U	Transient Overvoltaze Report	

RECORD DRAWING

DRAWINGS ARE BASED UPON
CONSTRUCTION CONTRACTOR REDLINES
WHICH HAVE NOT BEEN FIELD VERIFIED BY
ENGINEER OF RECORD.

1	10	REVISION	ZONE DATE BY CHK	ENG NO	REVISION	ZONE DATE	BY	CHK E	ENG	REFERENCE DRAWINGS			 	THIS MAP/DOCUMENT IS A TOOL TO	UNIT 0	
	A	60% SUBMITTAL	08/14/2015 BG JH	BG 5	ISSUED FOR CONSTRUCTION	06/07/2016	BG	JH	BG	DWG NO. MANUFACTURER	DESCR	PTION	PEI	ASSIST EMPLOYEES IN THE RFORMANCE OF THEIR JOBS. YOUR	UNIT	
	В	90% SUBMITTAL	10/12/2015 BG JH	BG 6	RECORD DRAWING	12/05/2016	GP	JH	BG					RSONAL SAFETY IS PROVIDED FOR BY USING SAFETY PRACTICES,		
	0	ISSUED FOR CONSTRUCTION	01/22/2016 AS JH	BG 7	UPDATED DATE OF WTG GROUND GRID REPORT	01/06/2017	GP	JH	BG					ROCEDURES, AND EQUIPMENT AS SCRIBED IN THE SAFETY TRAINING	DRAWING INDEX	
	1	ISSUED FOR CONSTRUCTION	01/29/2016 BG JH	BG									DWN: BG DATE:01/22/2016 CHK: DATE:	PROGRAMS AND MANUALS.		
	2	ISSUED FOR CONSTRUCTION	02/10/2016 CL JH	BG									FNG: BG DATE:01/22/2016 CHK: DATE:			REV
	3	ISSUED FOR CONSTRUCTION	03/14/2016 BG JH	BG									PM: BD DATE:01/22/2016 PROJ. NO: 121901101	ENERGY SUPPLY	NH-271536-1	
	4	ISSUED FOR CONSTRUCTION	04/05/2016 BG JH	BG									APVD: DATE: SCALE:NONE	IGINEERING & CONSTRUCTION		